



Date: May 13, 2015

To: Carrigan

Project:

Attn:

Recommended Equipment:

- (17) WB-1066 welding booth (side by side)
- (17) Backdraft hoods: 5' x 4.5'
- (1) Fan: DBN300 w/ 12,000 CFM
- (1) Fan: DBN400 w/ 15,000 CFM

- (1) Torch track Downdraft table: SST-5TPx2
- (1) ECO-2000 Drawer type dust collector
- (1) Plasma CAM system: PS-150 w/ RM-150E and DP66

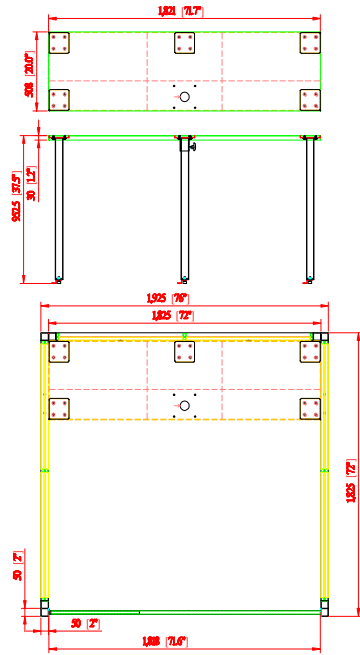
- (1) Grinding room: GR-17x15x8
- (2) SAU-X5 Ambient Cartridge collector

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www.avanienvironmental.com

Phone: (919) 570-2862
Fax: (919) 570-2863
Email: info@avanienvironmental.com
www.weldingbooths.com

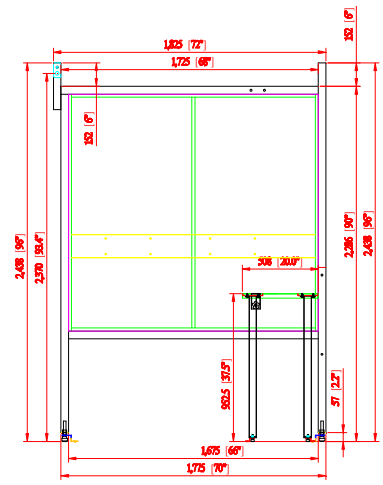
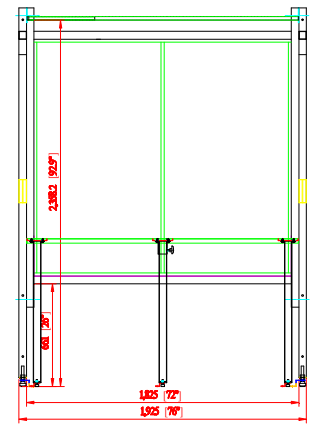
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- WB-1066 WELDING BOOTH SPECIFICATIONS**
- Adjustable Level System: (4) dia. 2.36" Feet
 - Panel Construction: 11-gauge welded steel
 - Welding Curtain Supports: (1) set welding curtain bar
 - Fume Arm Base Supports: (1) to match an optional bracket (6 bolt pattern) and an optional dia. 6" fume arm
 - Powder Coated: Avani Safety Blue Standard (custom colors available)
 - Three Piece Configuration: (2) side panels, (1) back panel.
 - Booths can be mounted back-to-back, side-by-side or both options
 - Non-adjustable Working table: 71.7"W x 20"D x 37.5"H

- OPTIONS**
- Welded Nuts: Optional locations for J-Hooks
 - Welding Nuts: For wire feeder or welder bracket



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Drawn by:	Date:	Name:	Part Number:
Checked by:	2015-04-17	***	REVISION A

Title: WB-1066 Welding Booth

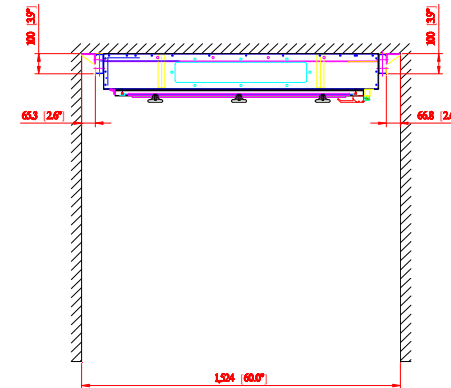
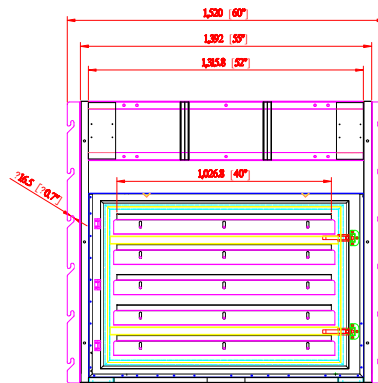
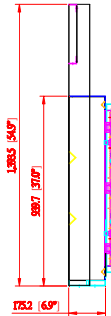
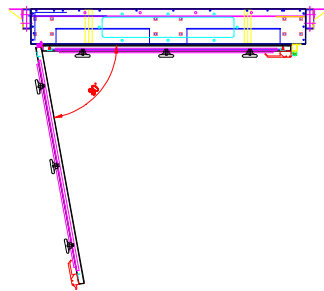
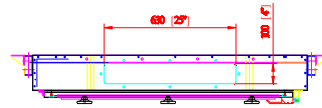
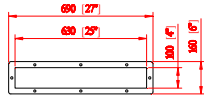
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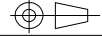
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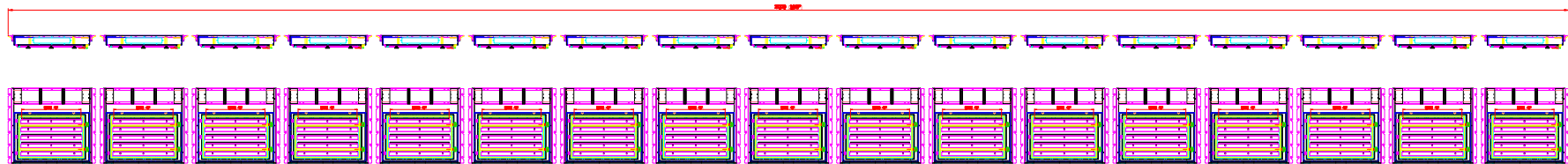
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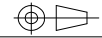


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AVANI ENVIRONMENTAL INTL. INC. Sales Department 95 Cypress Drive Youngsville, NC 27596 info@avanienvironmental.com	Date 2015-04-17	Name ***	Part Number: REVISION A	Title: Backdraft Hood: 5' x 4.5' Layout	
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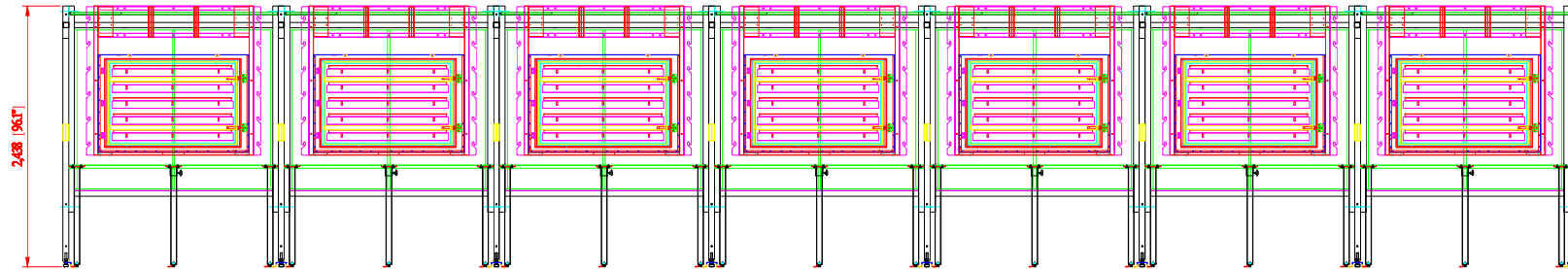
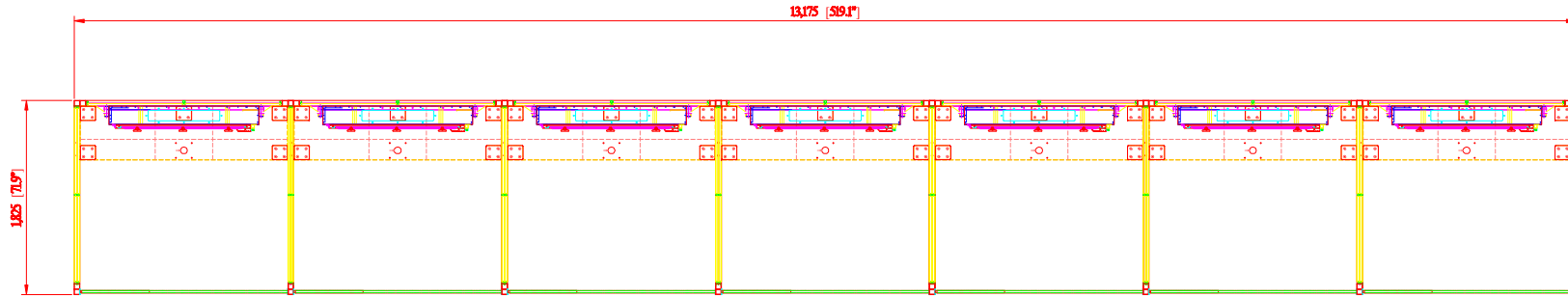
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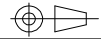
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Title:
**CCC WB-1066 w/Backdraft Layout
 7 booths (side-by-side)**

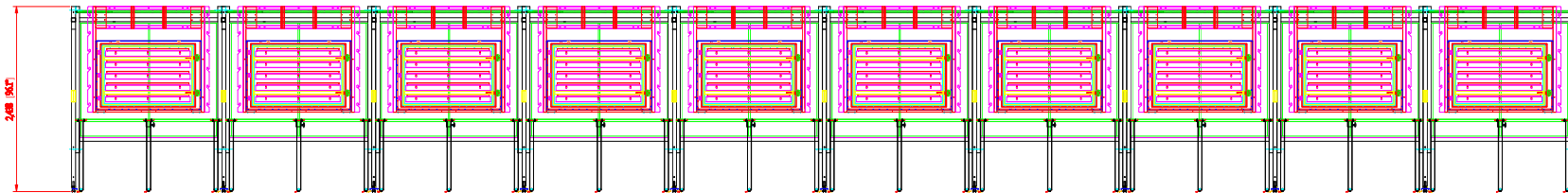
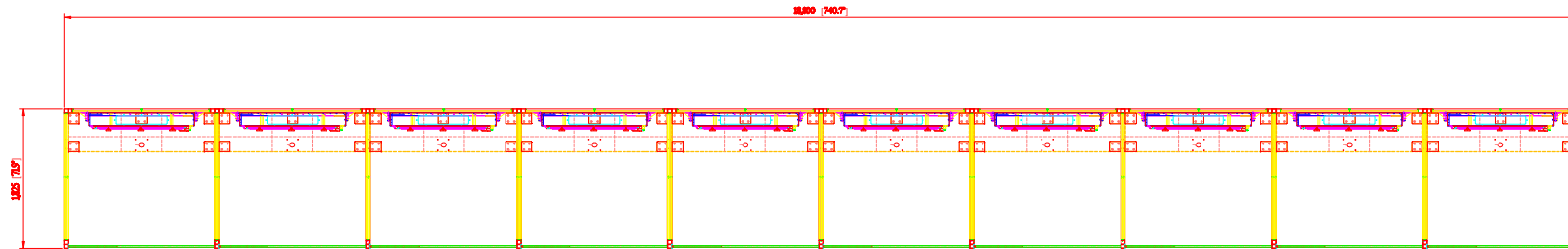
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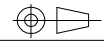
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**CCC WB-1066 w/Backdraft Layout
 10 booths (side-by-side)**

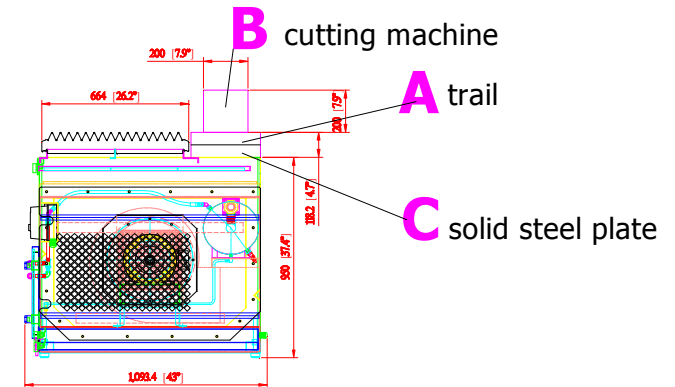
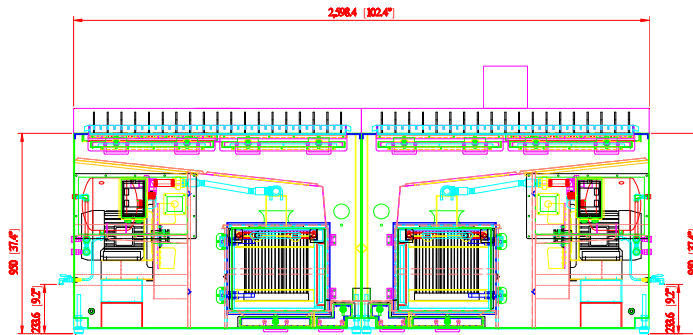
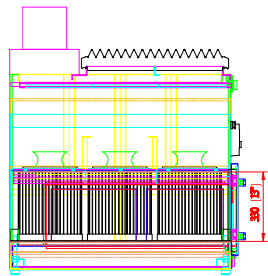
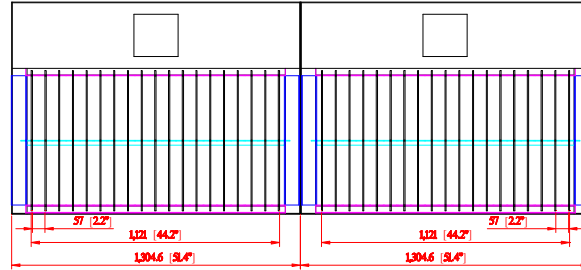
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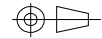
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	Date	Name	Part Number:	Title:
Drawn by:	2015-04-17	***	REVISION A	SST-5TPx2 Plasma Downdraft table
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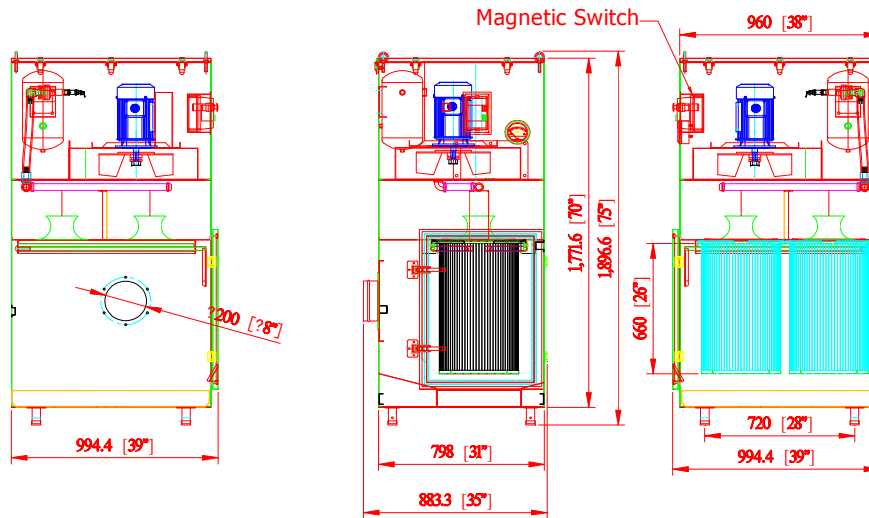
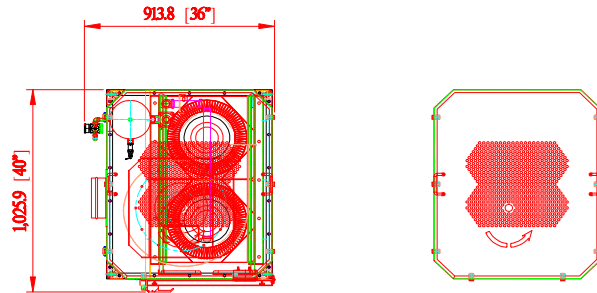
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A	1 = 25	CCC SST-5TPx2 Page 1 of 1

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**SDC-ECO-2000 DRAWER TYPE
ECONOMY DUST COLLECTOR SPECIFICATIONS**

- Motor: 3HP
- ***NEMA Motor
- ***Aluminum Impeller

- Electric Spec: 230/460V / 60Hz / 3Ph (wired at 460V)
- Airflow: 1500 CFM (2547 m3/hr)

Filtration Stages:

1. Cartridge Filter: DIA. 380 x 660mm x 2 pcs
 - spec: dia. 380 x 660mmL (15" x 26"L)
 - filtering area: 15m² x 2 = 30m² (322.8 ft²)
 - Material: Polyester Spun Bond with TEFLON treatment & coating

- No. of Valves: 1
- Compressed Air Requirement: 90 PSI
- Compressed Air Reservoir: 2.63 gallon
- Dimension: main machine: 40" x 39" x 75"
(1025.9 x 994.4 x 1896.6mm)

- Construction: 14 gauge steel
- Max. Operating Temp.: 120°C
- Paint Color: powder coated Blue
- Inlet Port: dia. 200 mm / 8" x 1 hole

Standard Accessory:

- Reverse jet pulse system
- Door locker: compression latch
- Top quick access door for easy maintenance
- Magnetic switch - sunken in
- **gauge hole pre-drilled.

Optional Accessory:

- Arm Base
- Wall Bracket
- Spark Trap
- HEPA

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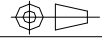
Title:
SDC-ECO-2000 Economy Dust Collector
(Drawer Type)

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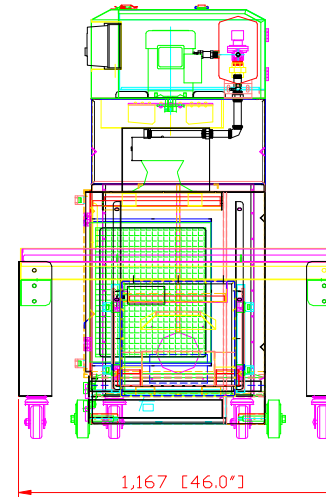
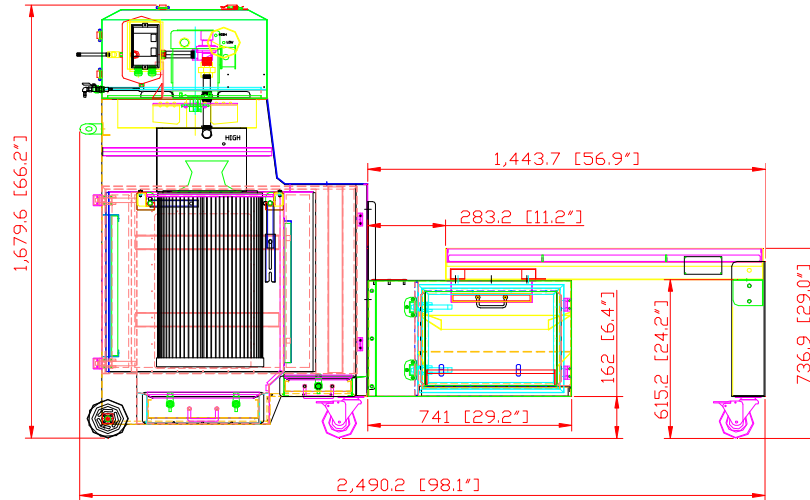
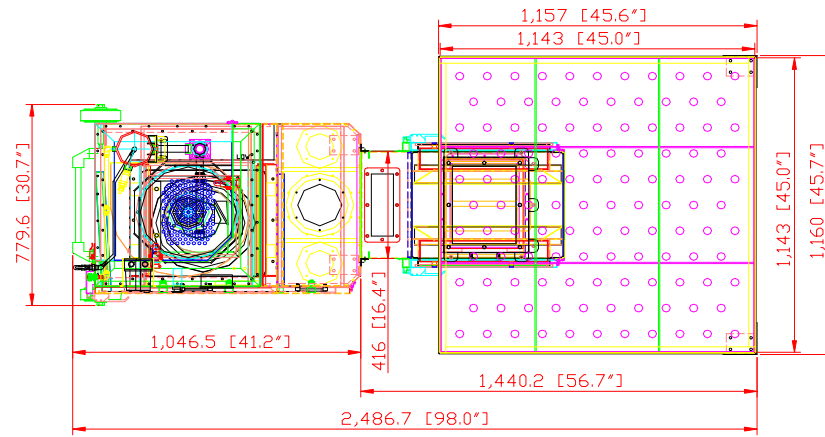
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	Date	Name
Drawn by:	2015-04-17	***
Checked by:		

Part Number:
REVISION A

Title: **PLASMA CAM COLLECTOR
 SPC-2000+DP66+RM-150E**

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Size
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Drawing Number:
 CCC Plasma Cam Collector
 Page 1 of 3

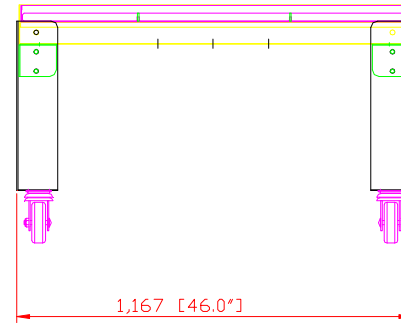
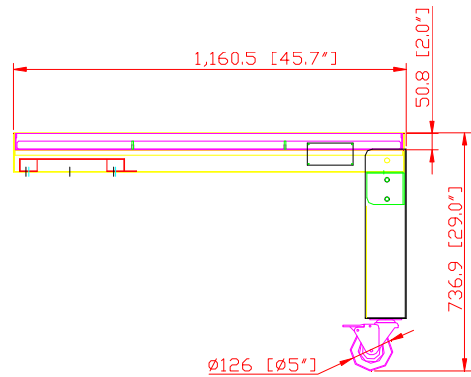
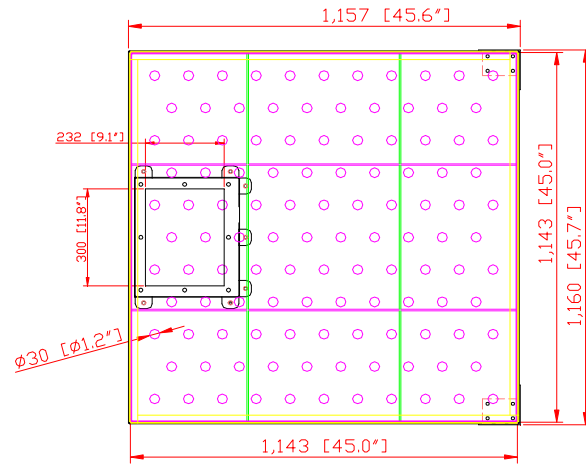
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Date	Name	Part Number:
2015-04-17	***	REVISION A

Title: Plasma Cam Collector DP66

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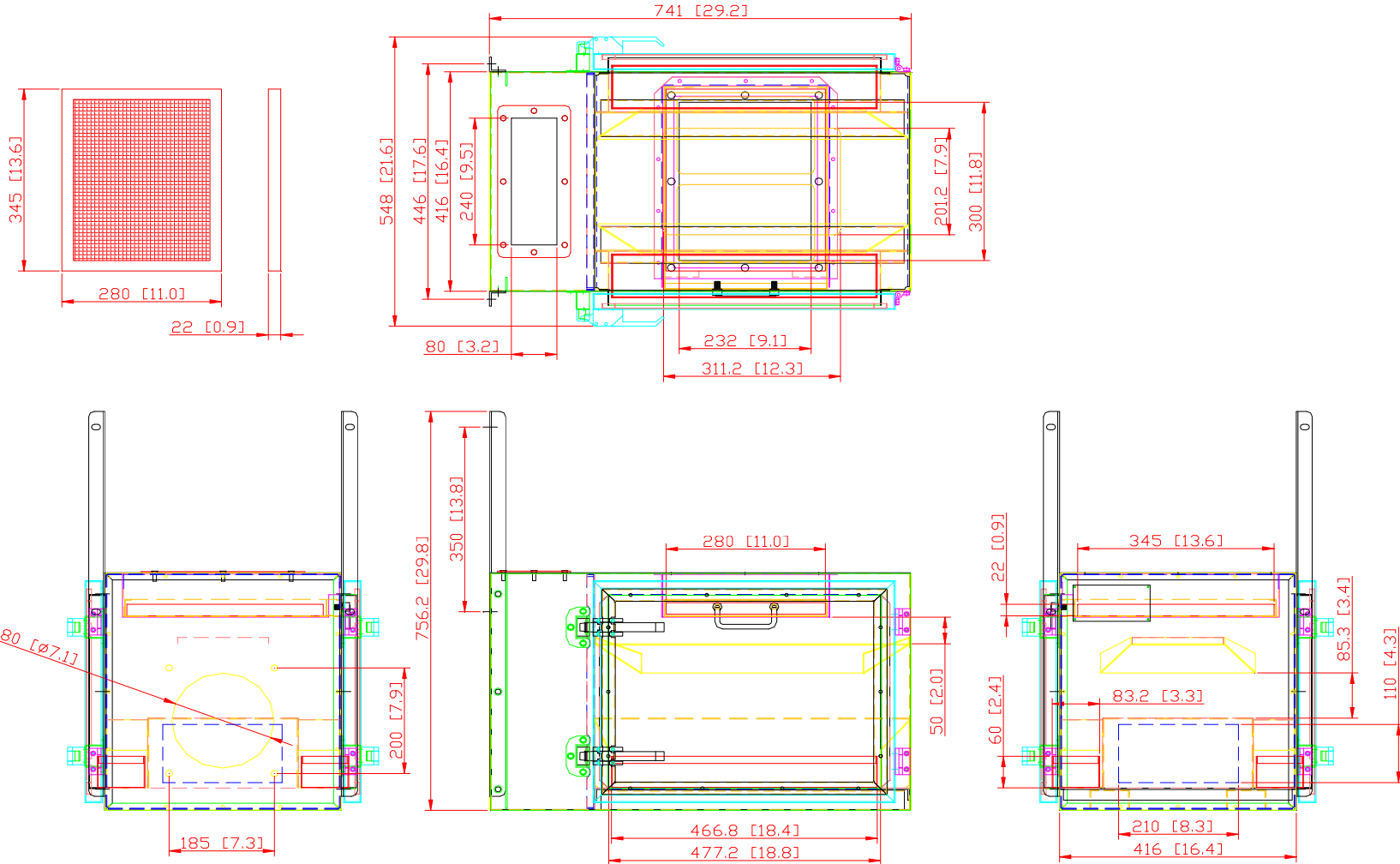
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CCC Plasma Cam Collector DP66
Page 2 of 3

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Date	Name	Part Number:
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Title: Plasma Cam Collector RM-150E

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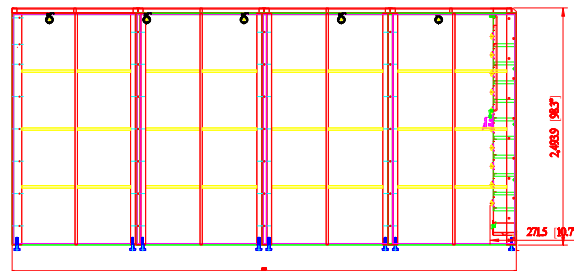
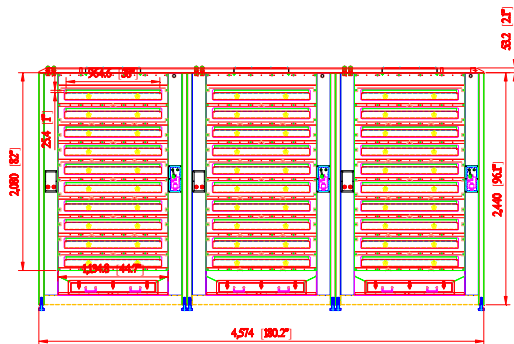
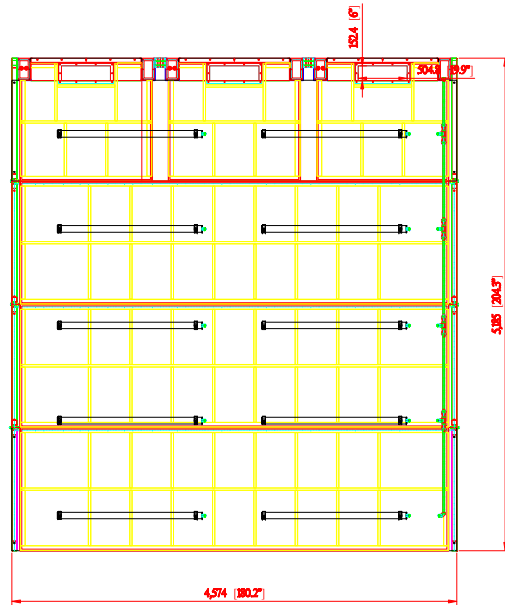
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PRELIMINARY

GB-17x15x8 GRINDING BOOTH SPECIFICATIONS

- Top Panel Dimensions: 204.3" x 180.2" x 2.1"
- Back Draft Dimensions: 82" x 44.7" x 10.7" (**NOT** incl. clean out drawer)
- Unit Outlet Connection: 19.9" x 6"
- Back Draft Adjustable Inlet Slots: (10) 1" x 38" @ 3sets
- Side Panel Dimensions: (8) 53" x 96.1"
- Working Lights: (10) Explosion Proof Lights (110V, Single Phase, 60 Hz, 20W)
- Adjustable Knobs: (60) 2 ? " Five Star Twists
- Support Structure: 1 ? " x 4" steel stock welded
- Panel Construction: Double wall of 2, 12-gauge, seam welded steel panels insulated with high density fiber, 3 pounds per cubic foot,
- Powder Coated: Avani Safety Blue Standard (custom colors available)
- Booths can be mounted back-to-back, side-to-side or both options
- Electrical Outlets: (3) 110V Outlets @ (1) Switch (additional single or three phase outlets available)
- Light Switch: For overhead lights
- CO2 or Gas Connection: (additional gas lines or compressed lines available)
- Double Wall Construction (welded)

OPTIONS

- Welded Nuts: Optional locations for J-Hooks
- Welding Nuts: For wire feeder or welder bracket
- Adjustable Rear Shelf (solid, grated or cutting table)
- Corner Shelves
- Custom Welding Brackets
- Foot Lockers
- Fixtures, Lazy Suzans
- Any option that can fit inside the booth or on the booth

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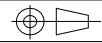
Title:
GR-17x15x8 Grinding Room

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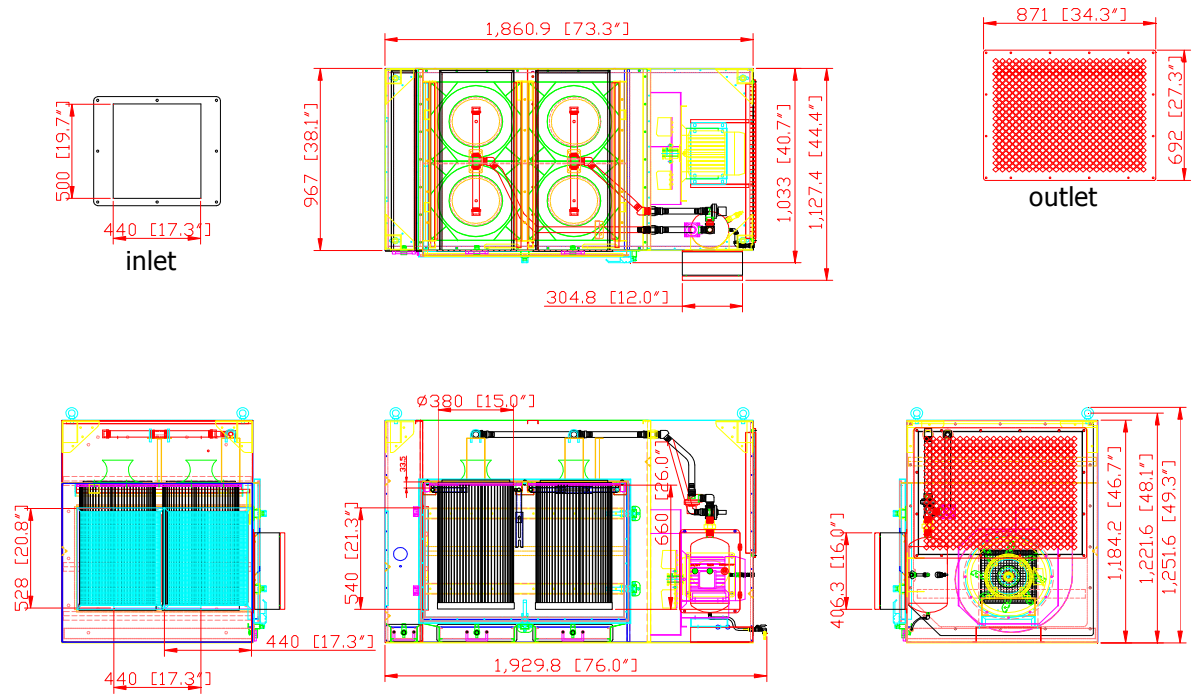
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SAU-X5 Ambient Cartridge Collector SPECIFICATIONS	
Motor:	5 HP NEMA
Airflow:	2340 ft3/min 3973.32 m3/hr
Filtration Stages:	1st - aluminum mesh x (2) pcs Spec: 440 x 540 x 22mm (17.4" x 21.3" x 0.87") 2nd - cartridge filter x (4) pcs Spec: Dia. 380 x 660mmL (dia. 15" x 26"L) Filtering area: 15M2 x 4 = 60M2 (645.6 FT2)
Polyester Spun bond:	Polyester with TEFLON treatment & coating
No. of Valves:	2
Compressed Air Requirement:	90 PSI
Compressed Air Reservoir:	2.63 gallon
Inlet Opening:	440 x 500 mm (17.3" x 19.7")
Outlet Opening:	864 x 685 mm (34" x 27")
Dimension:	192.98 x 112.74 x 125.16 cm (76 x 44.4 x 49.3 inch)
Construction:	8 gauge steel to 14 gauge steel
Max. Operating Temp.:	120°C
Paint Color:	Blue
Control Box:	- UL Control Panel: timer and air pulse jet cleaning
Standard Accessories:	inlet & exhaust outlet with screen

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Date	Name	Part Number:	Title:
2015-05-13	***	REVISION A	SAU-X5 (standard ambient)
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